Title: MESSAGE RELAYING SCHEME
BASED ON SWITCHING IN UNITS OF
FLOWS
Inventor(s): Yasuro SHOBATAKE
DOCKET NO.: 040301-0641

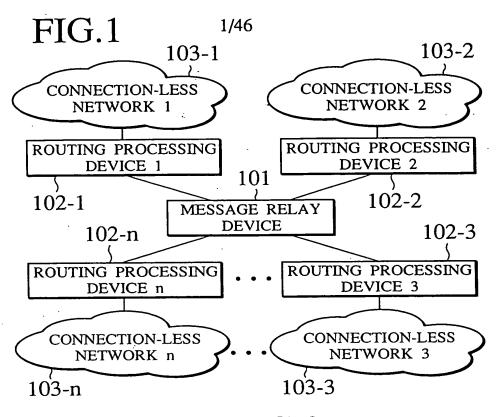
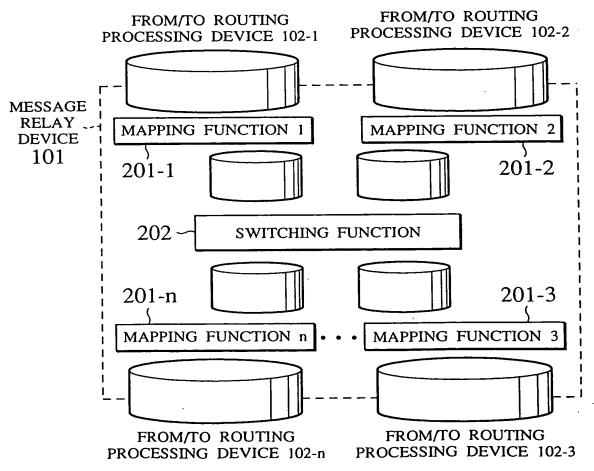


FIG.2

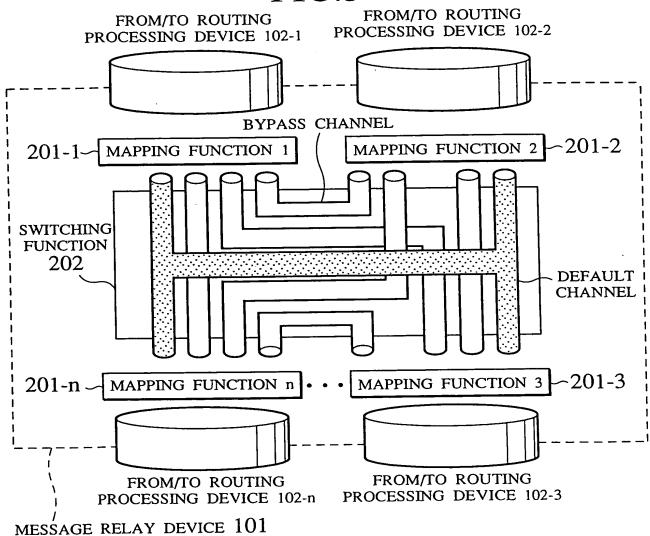


FLOWS

Inventor(s): Yasuro SHOBATAKE DOCKET NO.: 040301-0641



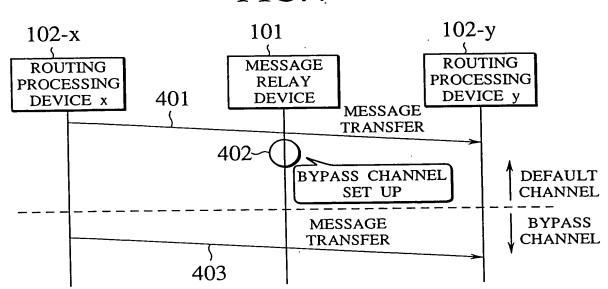
FIG.3

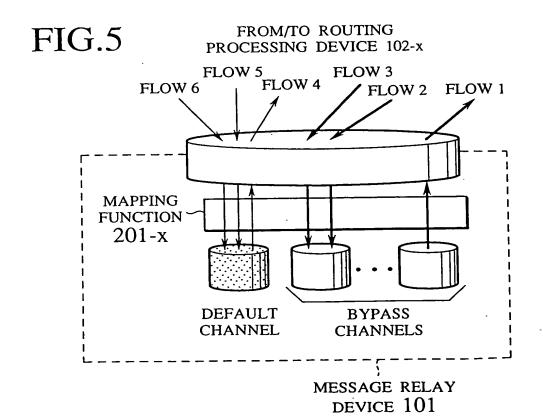


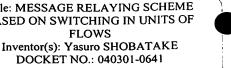


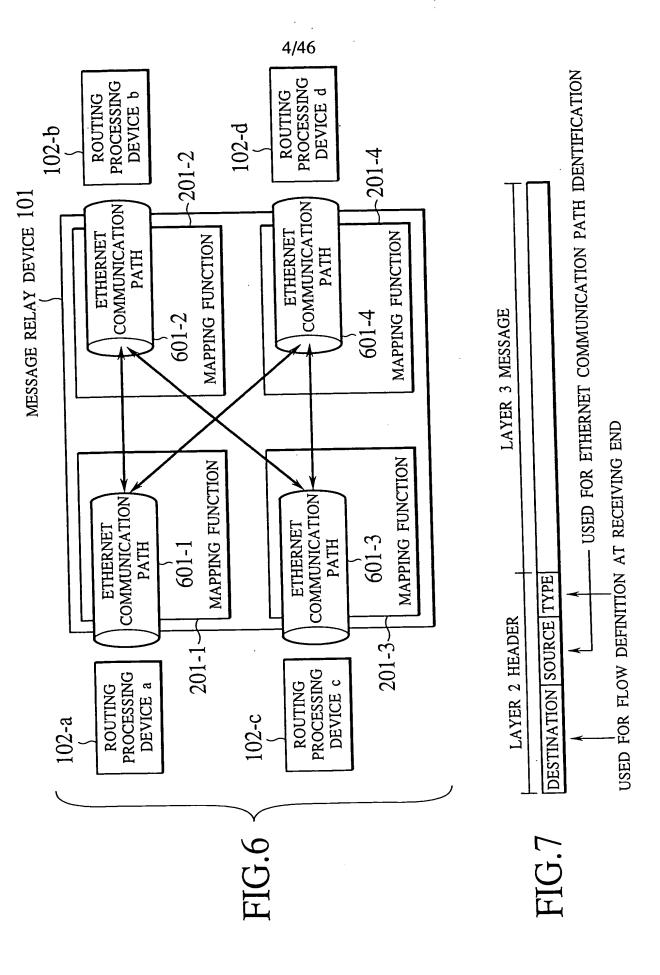


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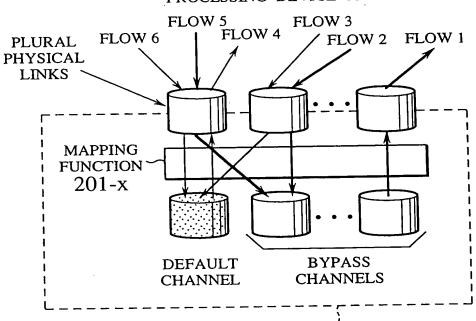




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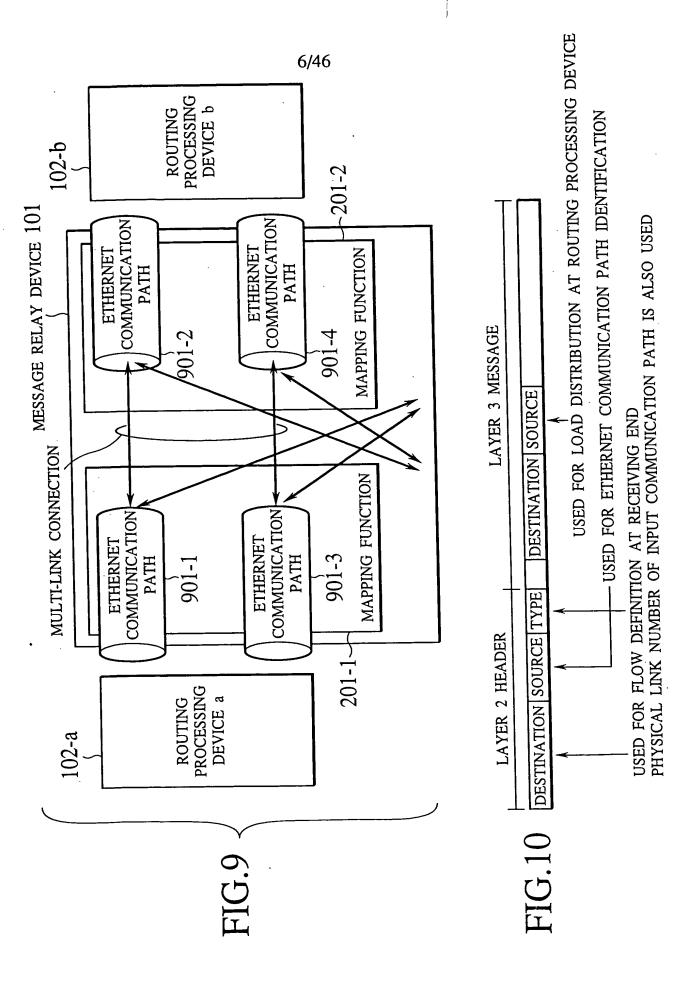
FIG.8

FROM/TO ROUTING PROCESSING DEVICE 102-x



MESSAGE RELAY DEVICE 101

DOCKET NO.: 040301-0641

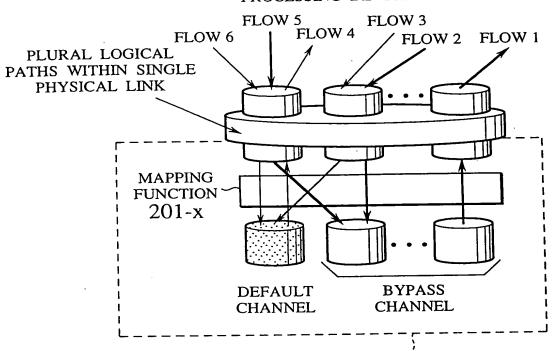




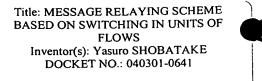
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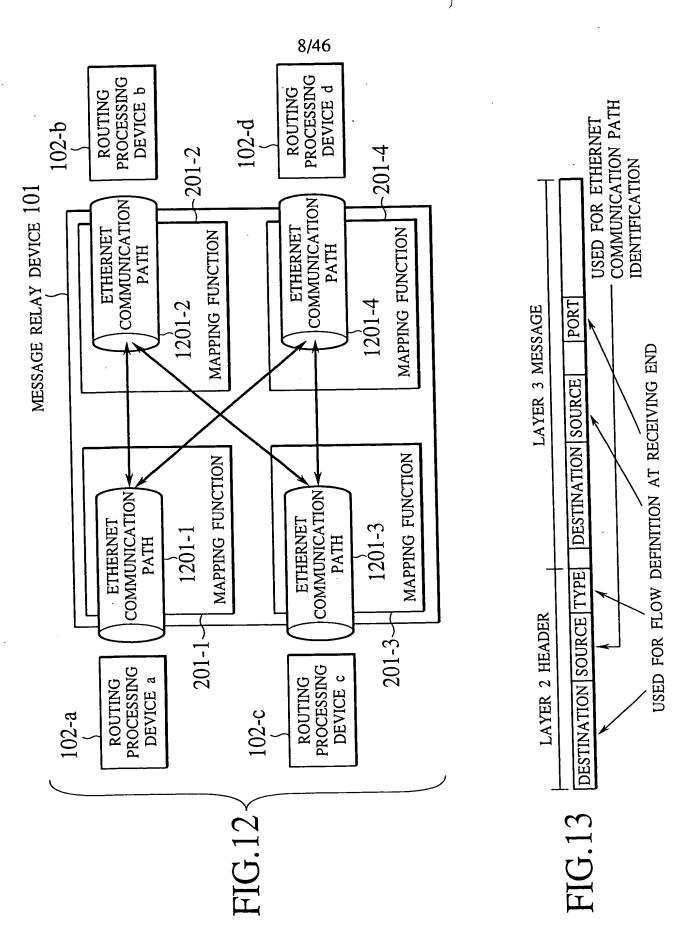
FIG.11

FROM/TO ROUTING PROCESSING DEVICE 102-x



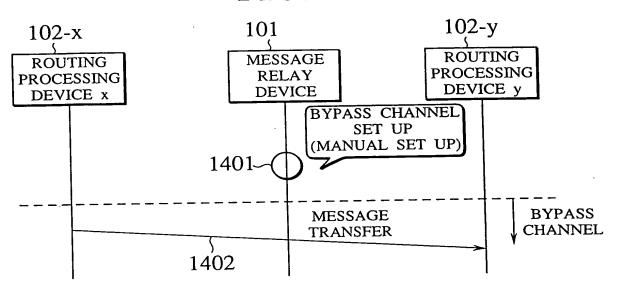
MESSAGE RELAY DEVICE 101

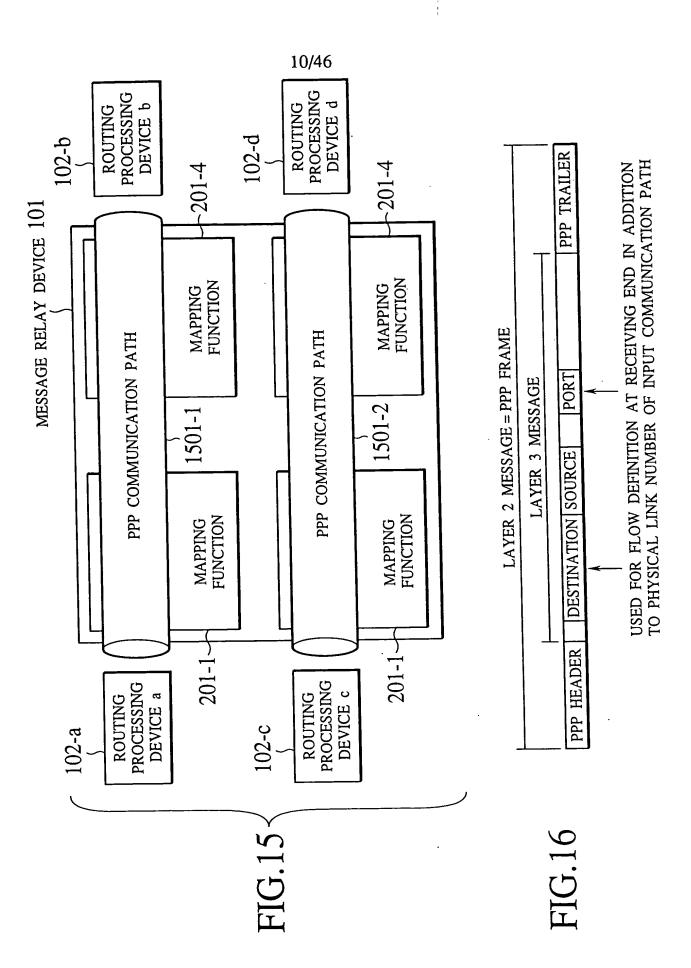


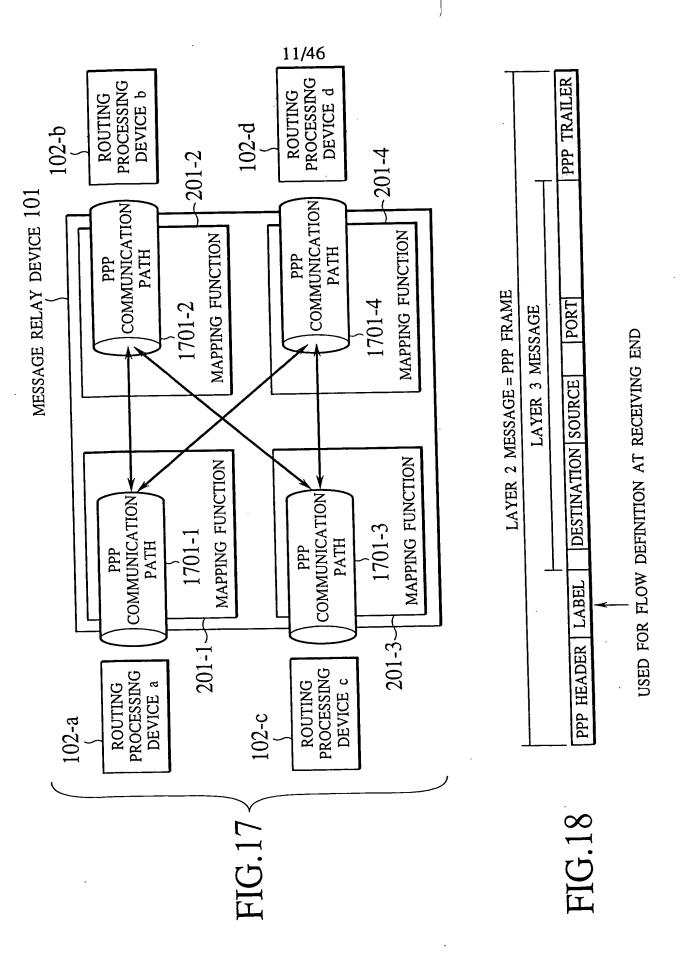


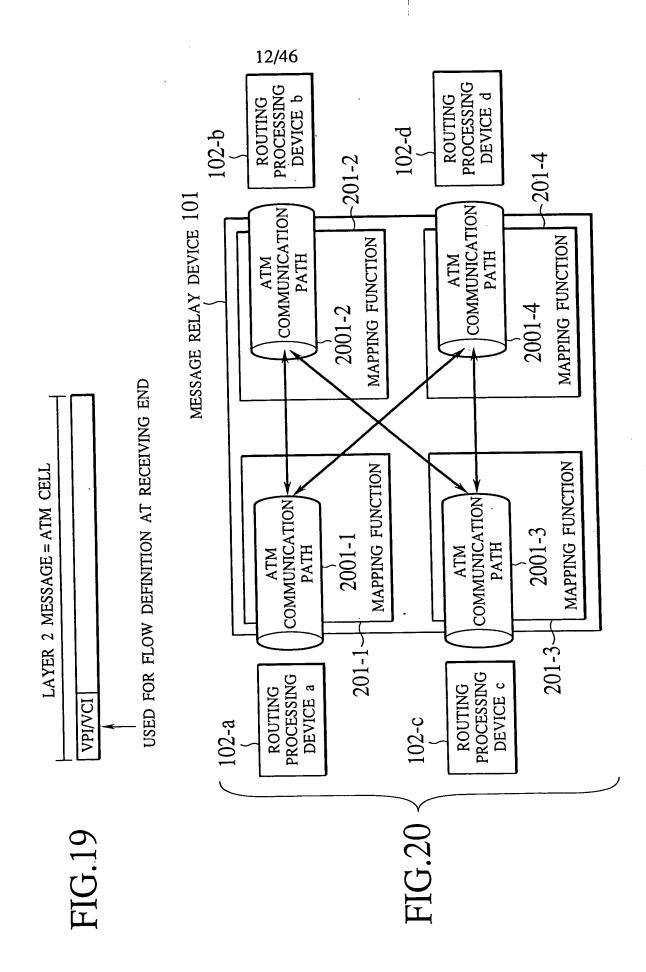




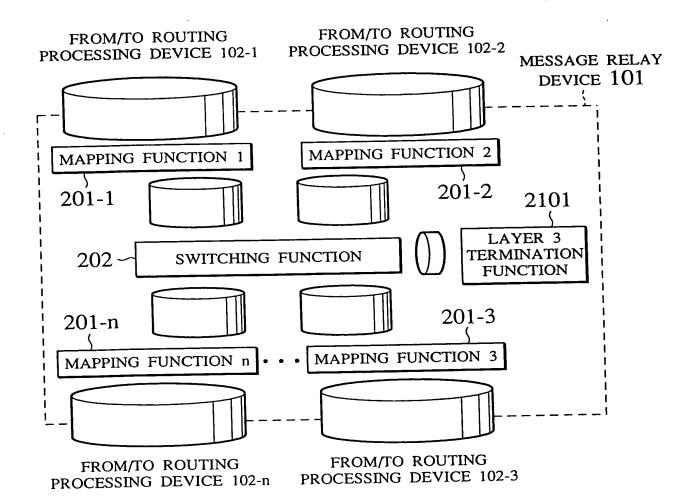




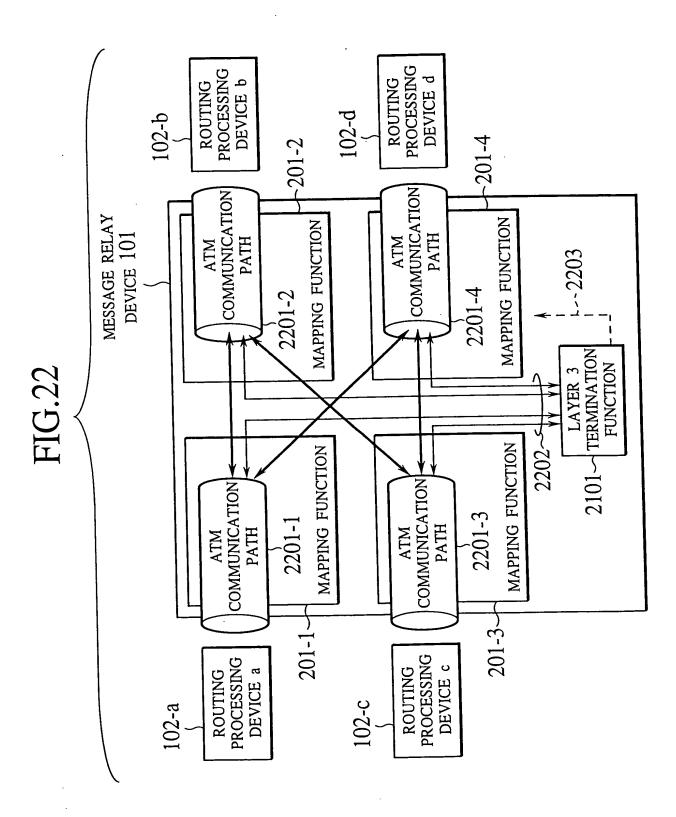


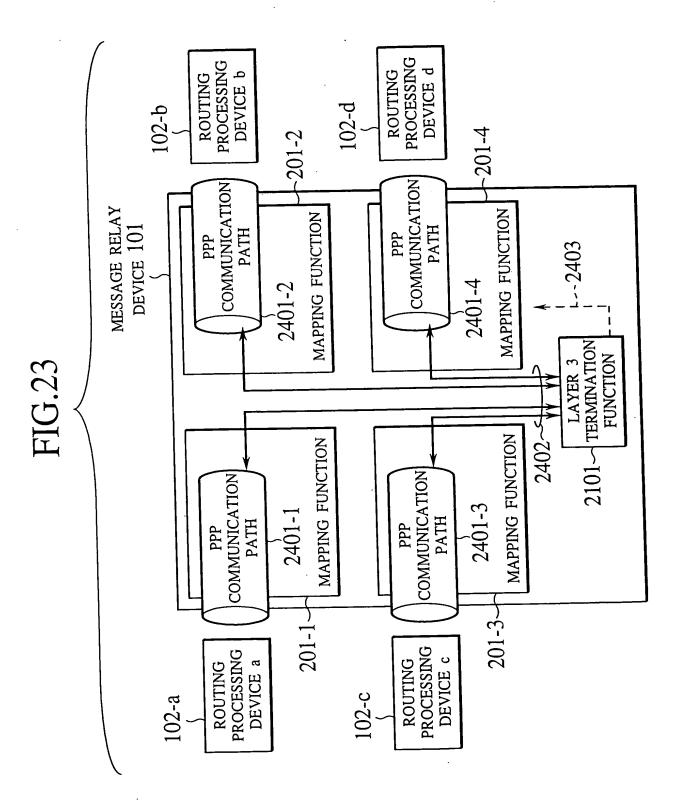




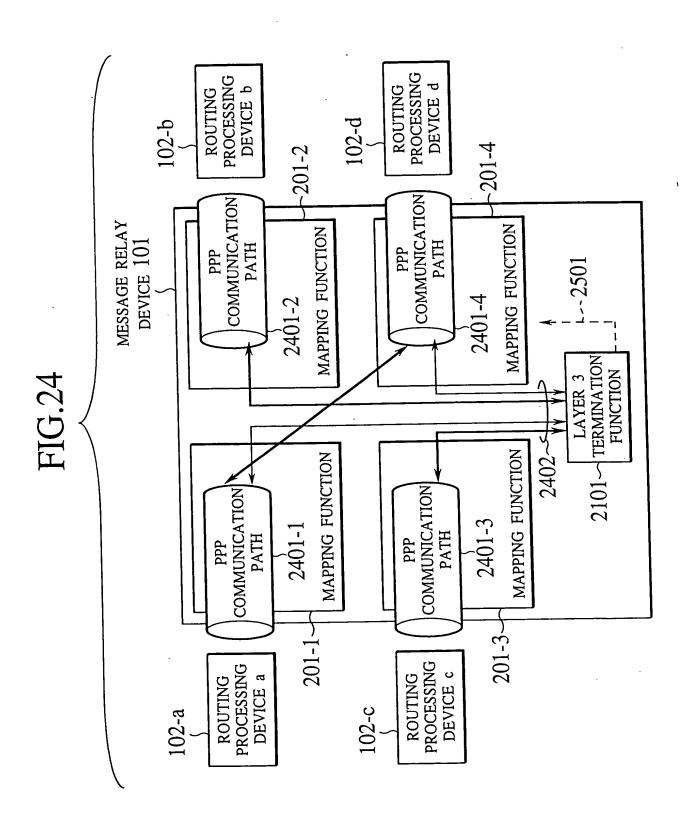














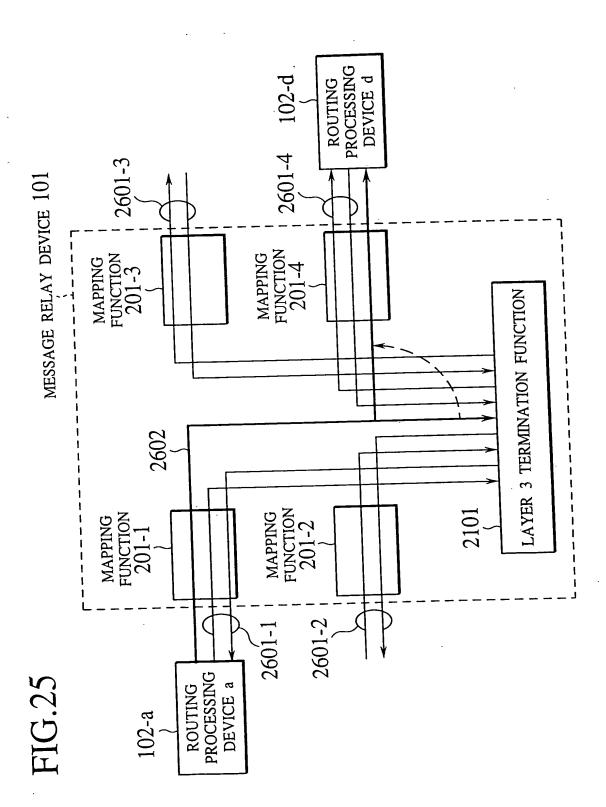
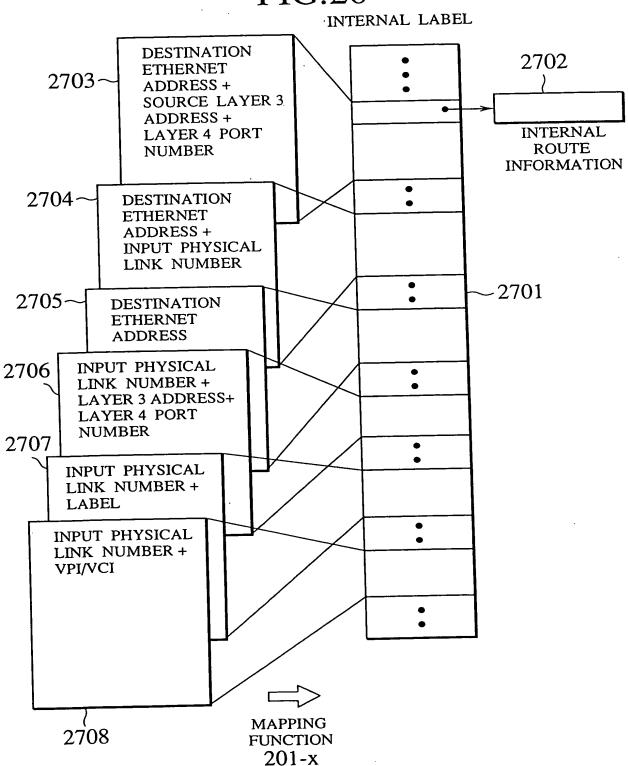
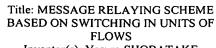




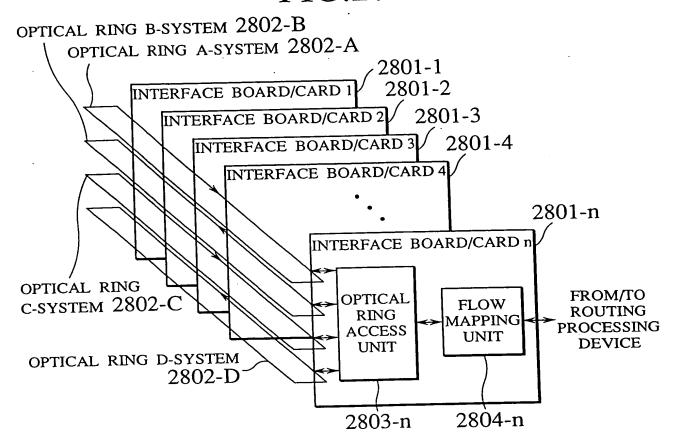


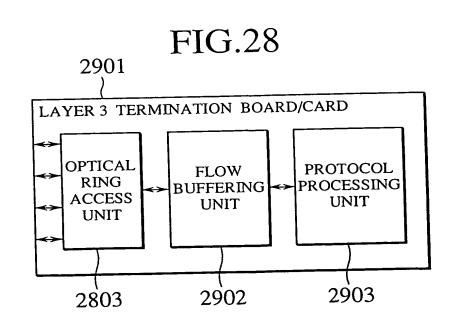
FIG.26

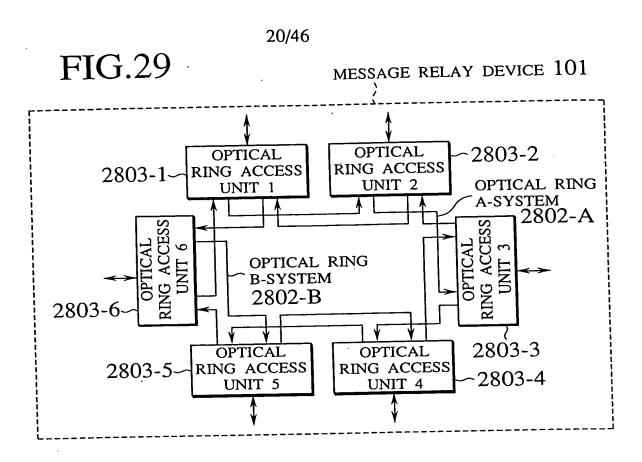


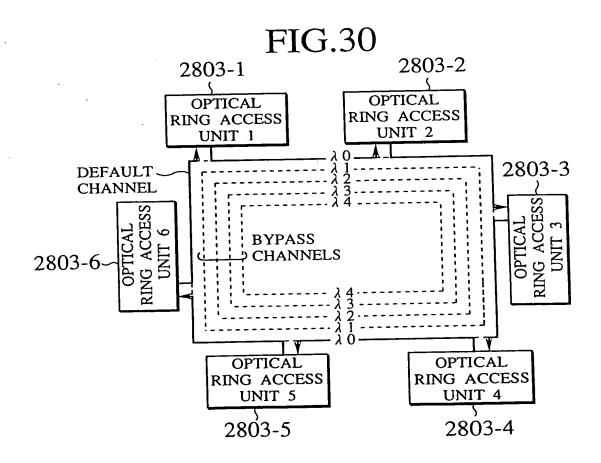


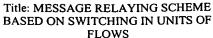








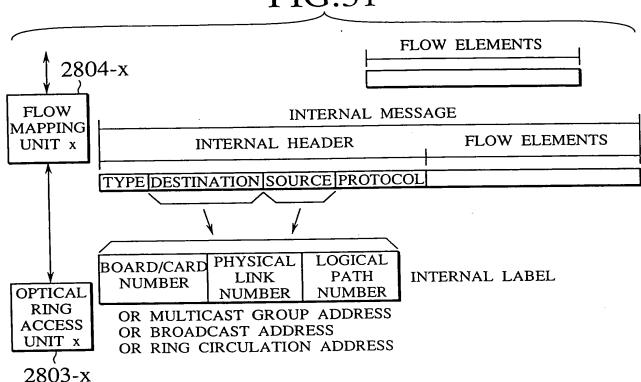






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FIG.31



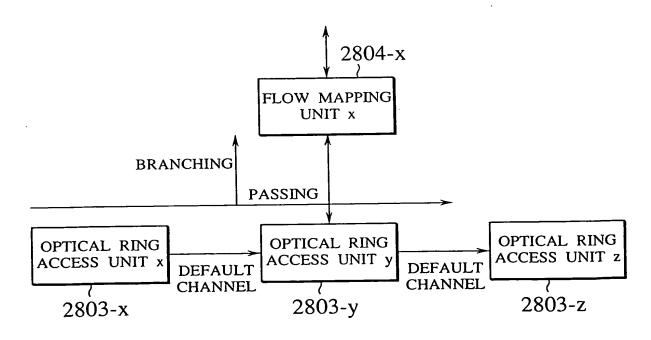
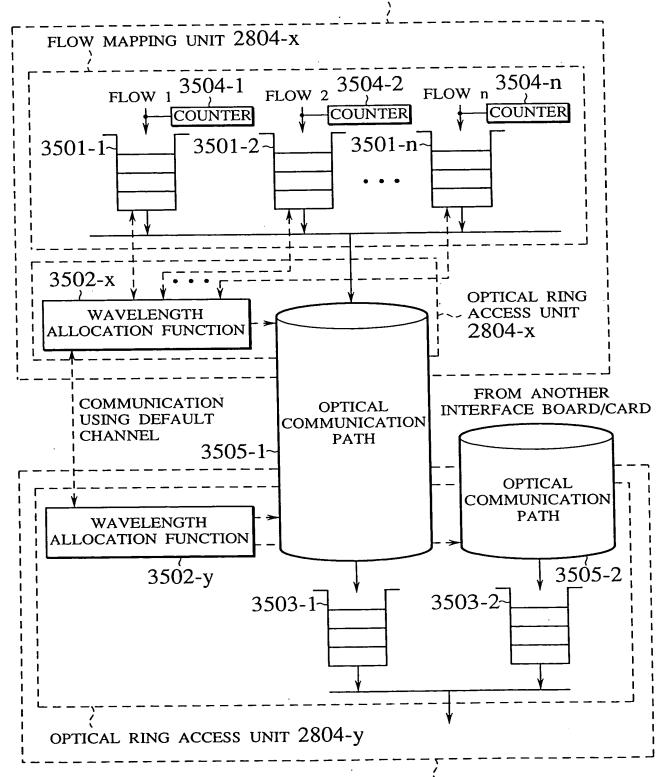
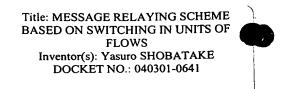




FIG.33

INTERFACE BOARD/CARD 2801-x





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FIG.34A

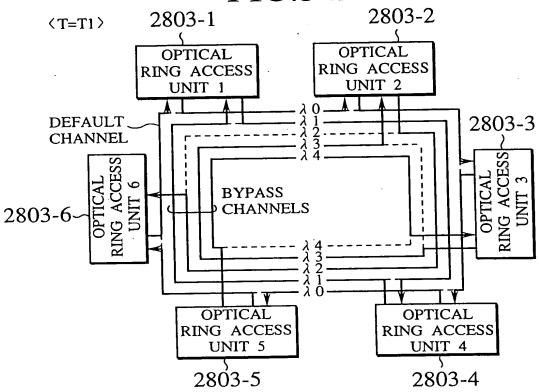
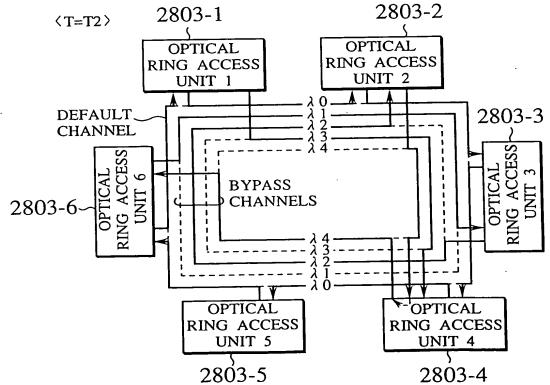
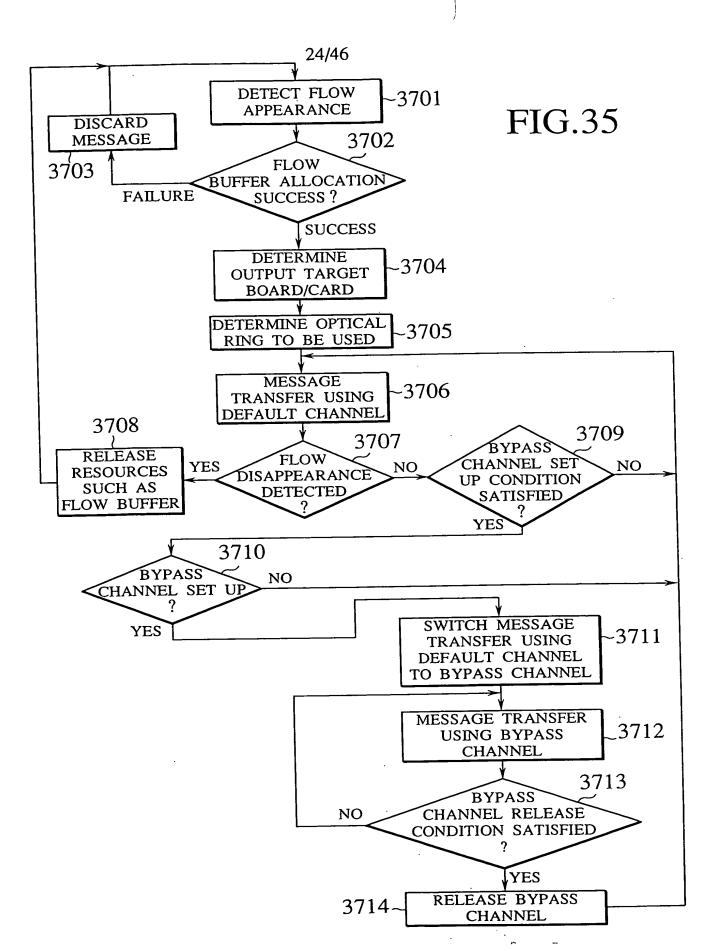


FIG.34B



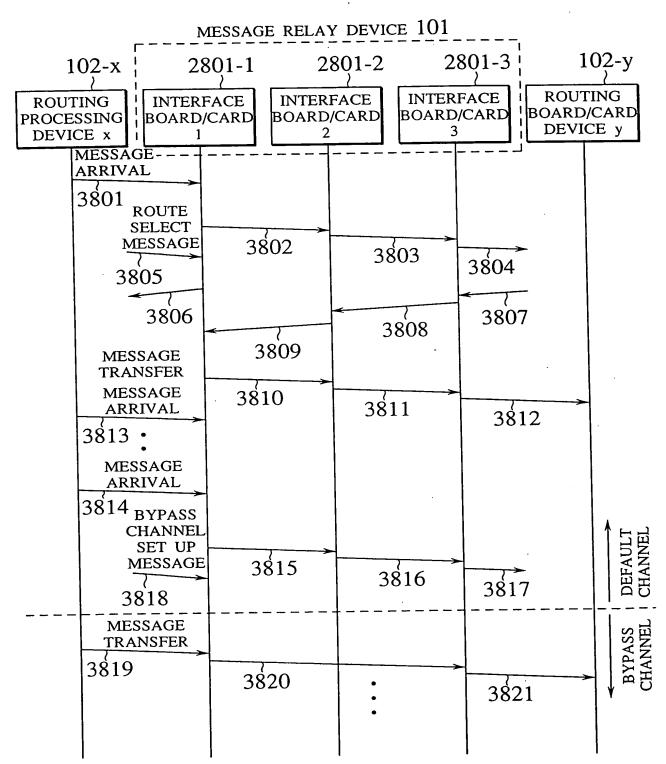
Title: MESSAGE RELAYING SCHEME BASED ON SWITCHING IN UNITS OF FLOWS

Inventor(s): Yasuro SHOBATAKE DOCKET NO.: 040301-0641





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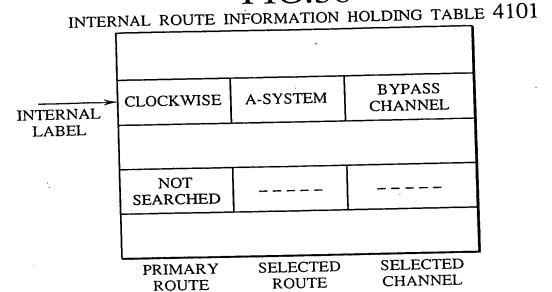
Title: MESSAGE RELAYING SCHEME BASED ON SWITCHING IN UNITS OF

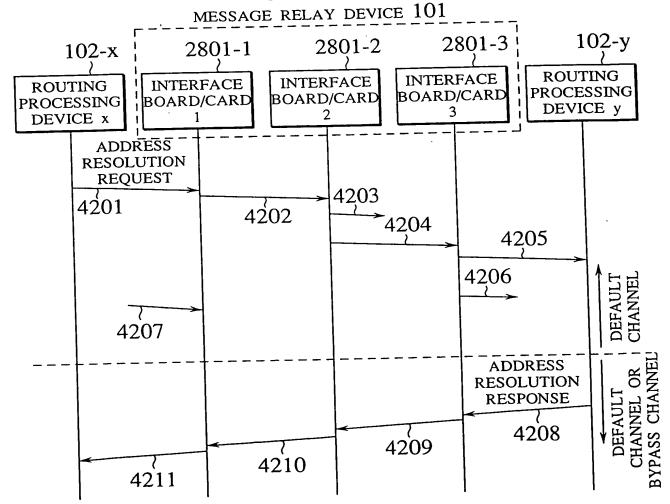




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FIG.38









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FIG.40

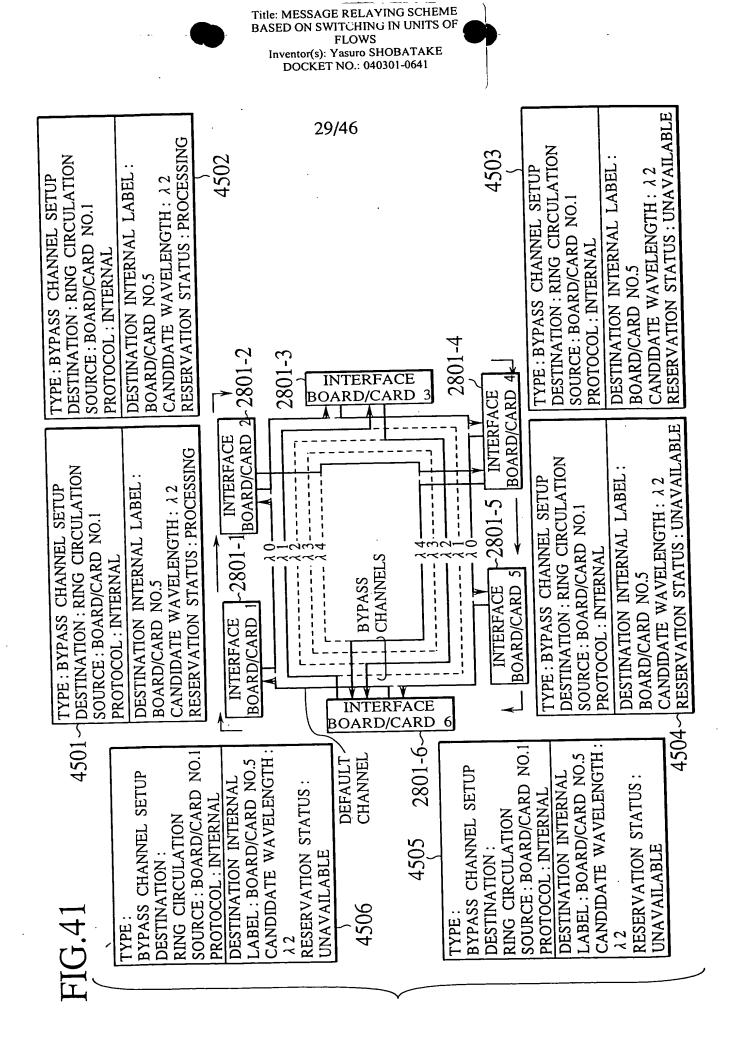
WAVELENGTH ALLOCATION TABLE

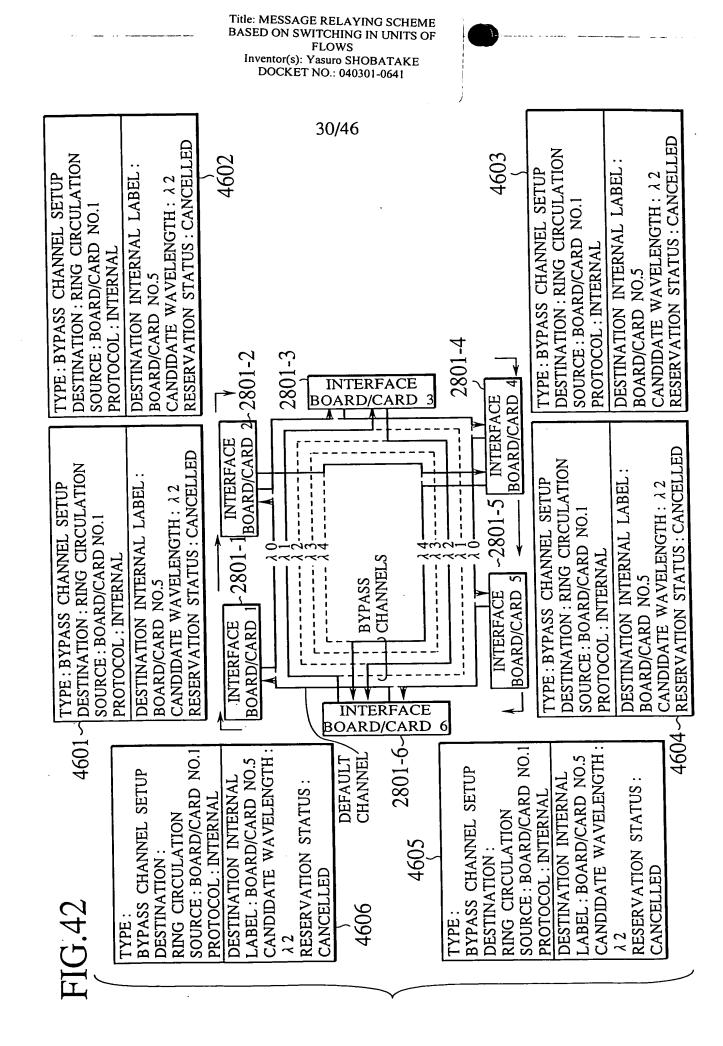
(·	
λ0	DEFAULT CHANNEL	
λ 1	BOARD/CARD 1	BOARD/CARD 4
λ 2	BOARD/CARD 3	BOARD/CARD 2
•		
λ 1	UNUSED	
•		
λn	BOARD/CARD	BOARD/CARD

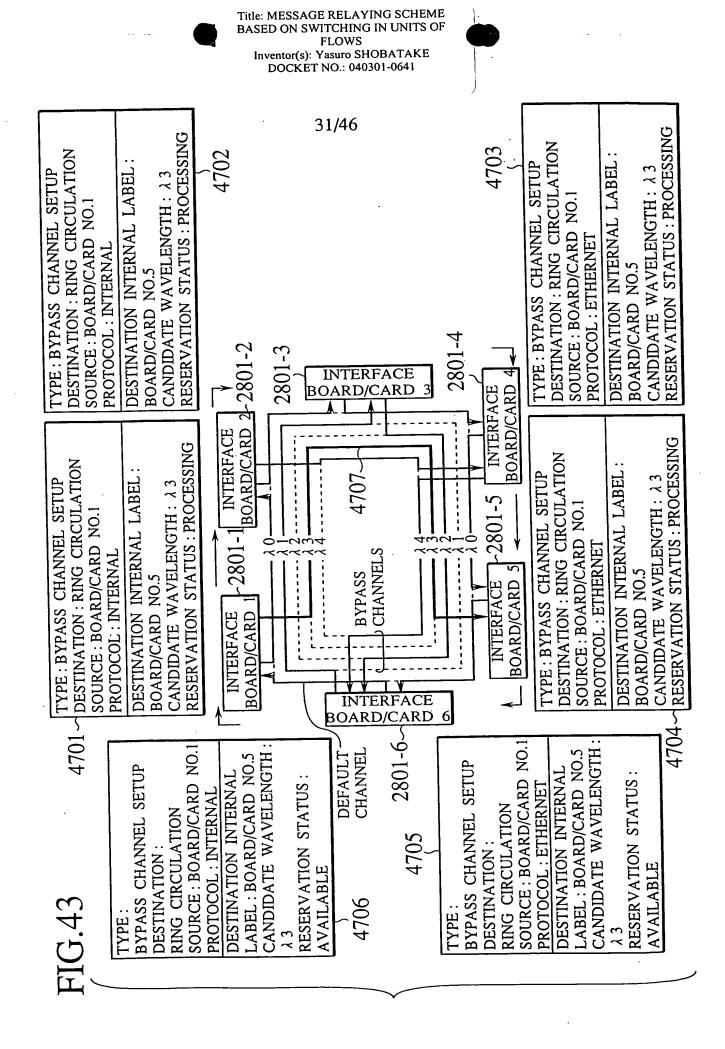
WAVELENGTH

TRANSMITTING END

RECEIVING END







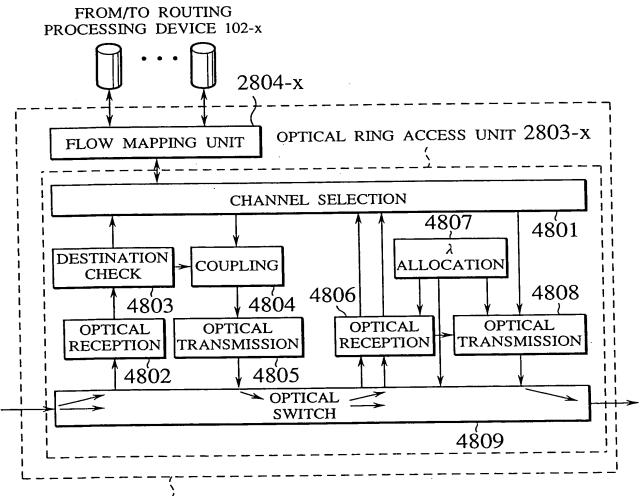
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Inventor(s): Yasuro SHOBATAKE DOCKET NO.: 040301-0641



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FIG.44

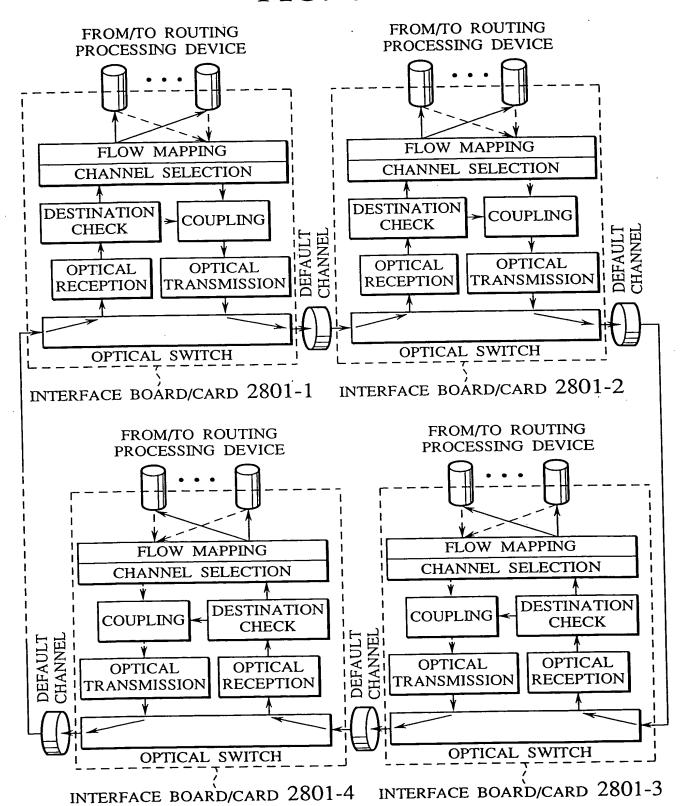


INTERFACE BOARD/CARD 2801-x

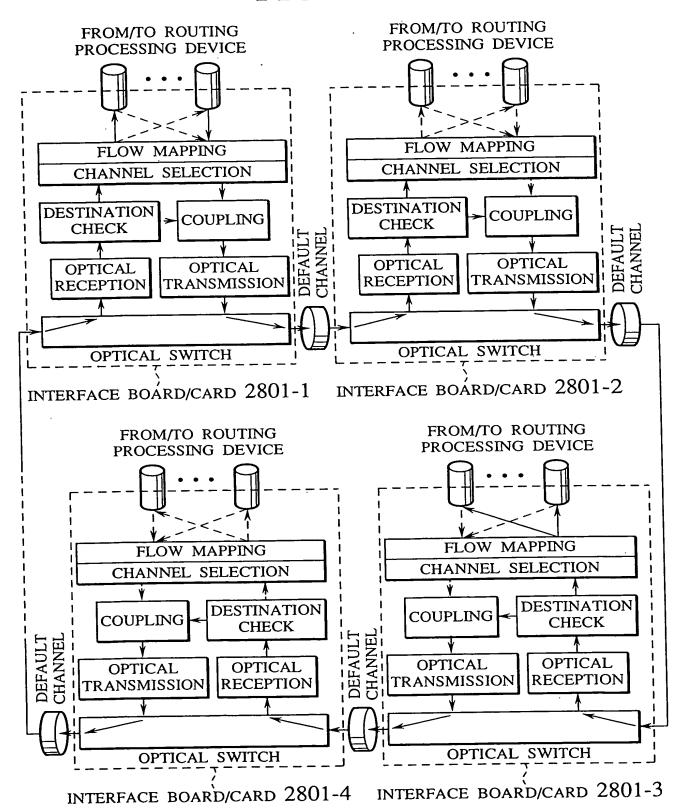
Title: MESSAGE RELAYING SCHEME BASED ON SWITCHING IN UNITS OF FLOWS

Inventor(s): Yasuro SHOBATAKE DOCKET NO.: 040301-0641





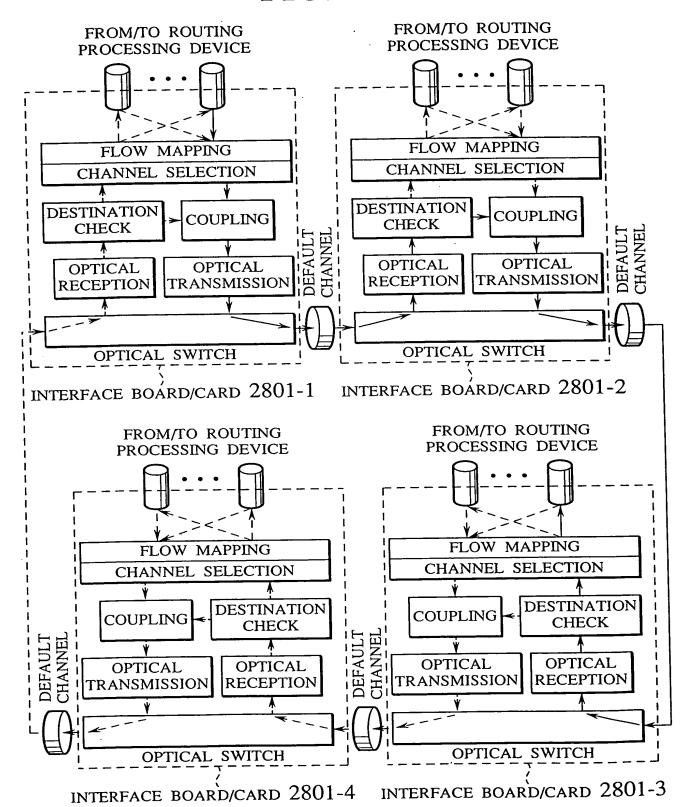
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Title: MESSAGE RELAYING SCHEME BASED ON SWITCHING IN UNITS OF FLOWS

Inventor(s): Yasuro SHOBATAKE DOCKET NO.: 040301-0641



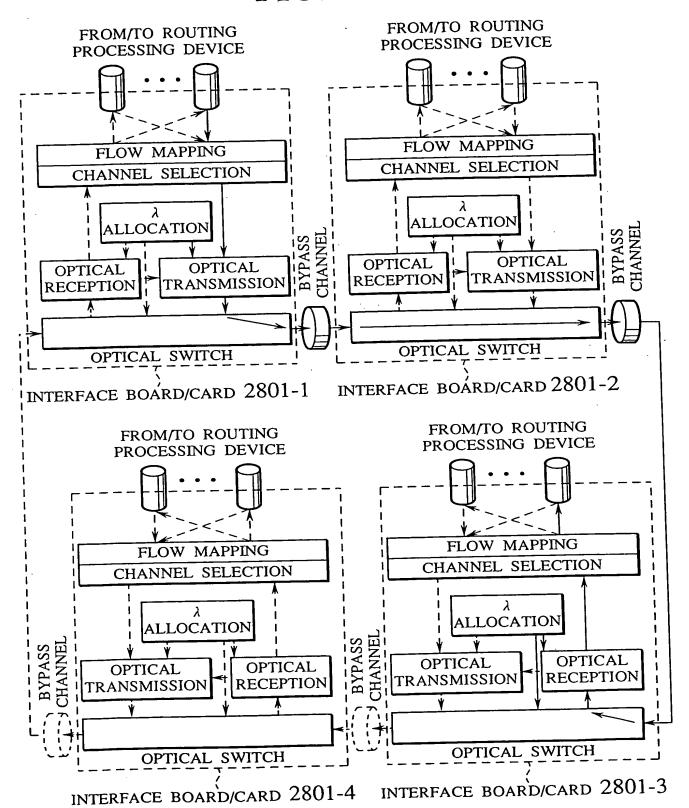


Title: MESSAGE RELAYING SCHEME BASED ON SWITCHING IN UNITS OF FLOWS

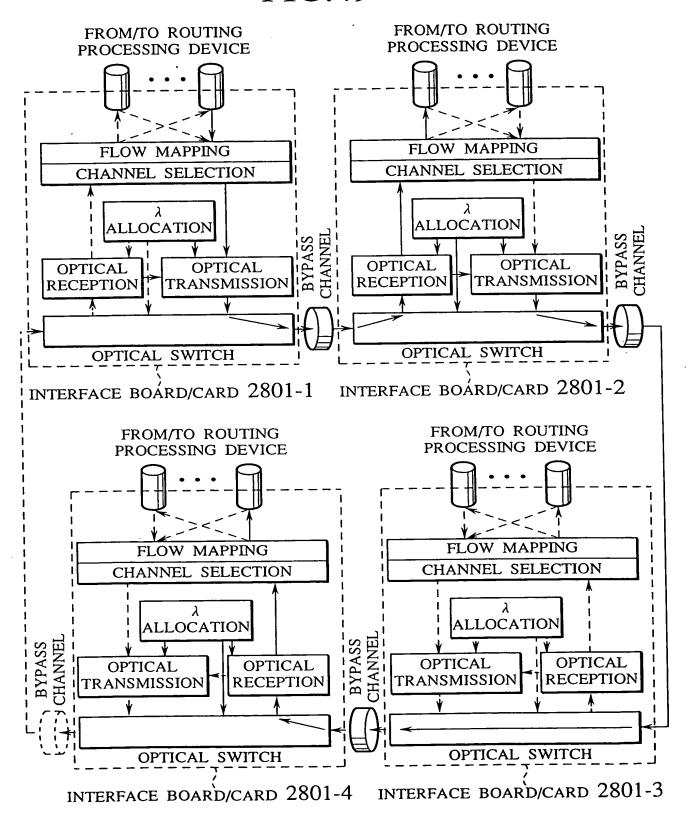
Inventor(s): Yasuro SHOBATAKE DOCKET NO.: 040301-0641



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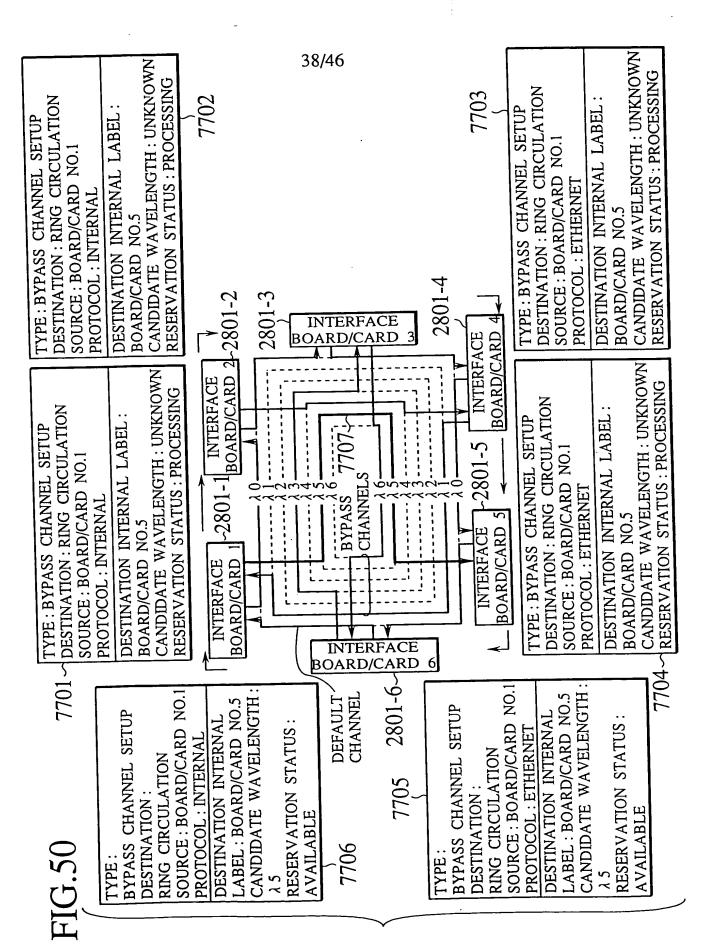




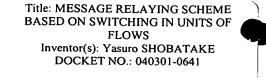


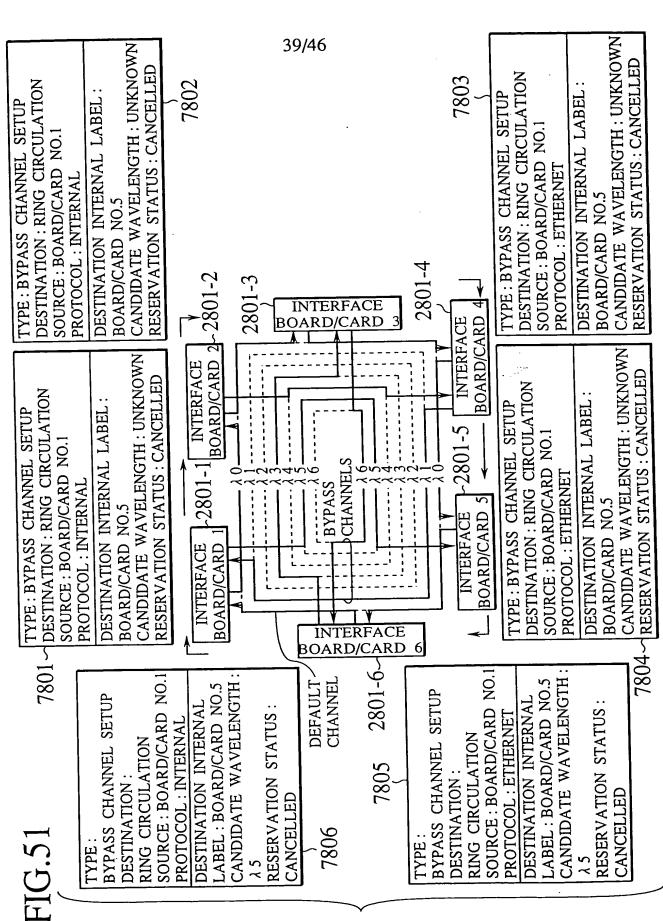
Title: MESSAGE RELAYING SCHEME
BASED ON SWITCHING IN UNITS OF
FLOWS
Inventor(s): Yasuro SHOBATAKE

Inventor(s): Yasuro SHOBATAKE DOCKET NO.: 040301-0641



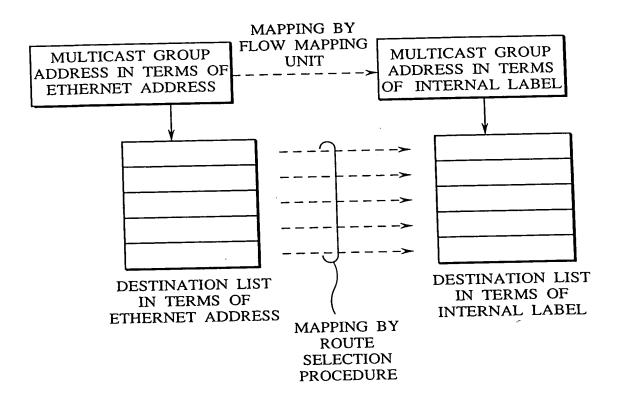
BASED ON SWITCHING IN UNITS OF FLOWS Inventor(s): Yasuro SHOBATAKE

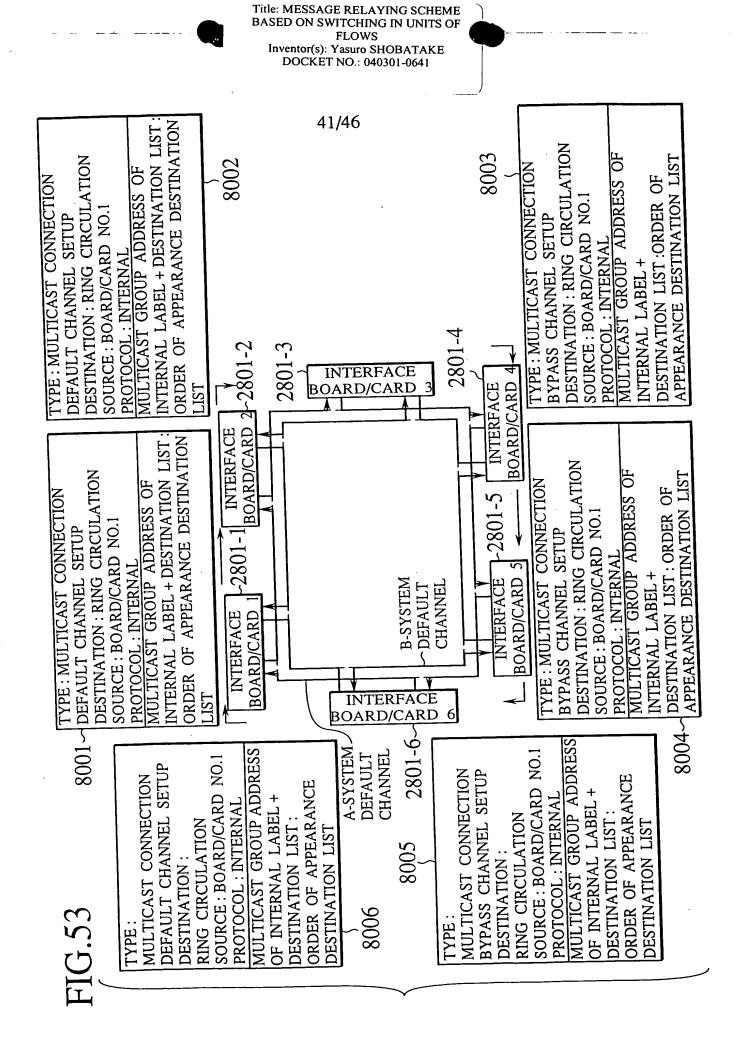




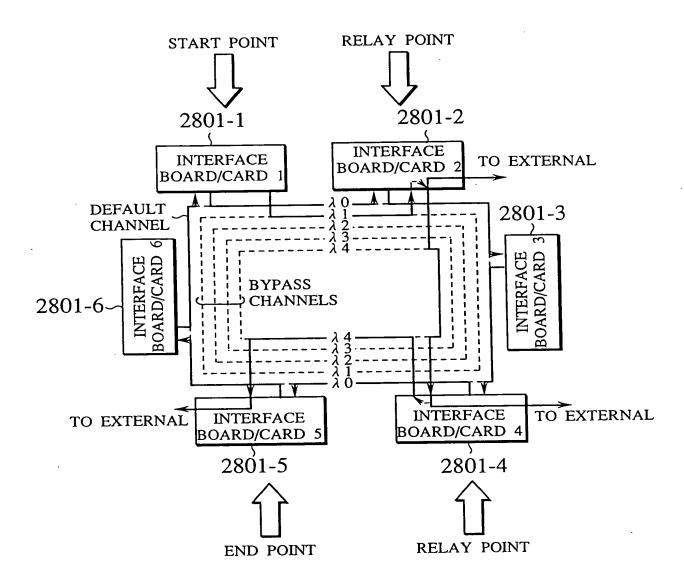


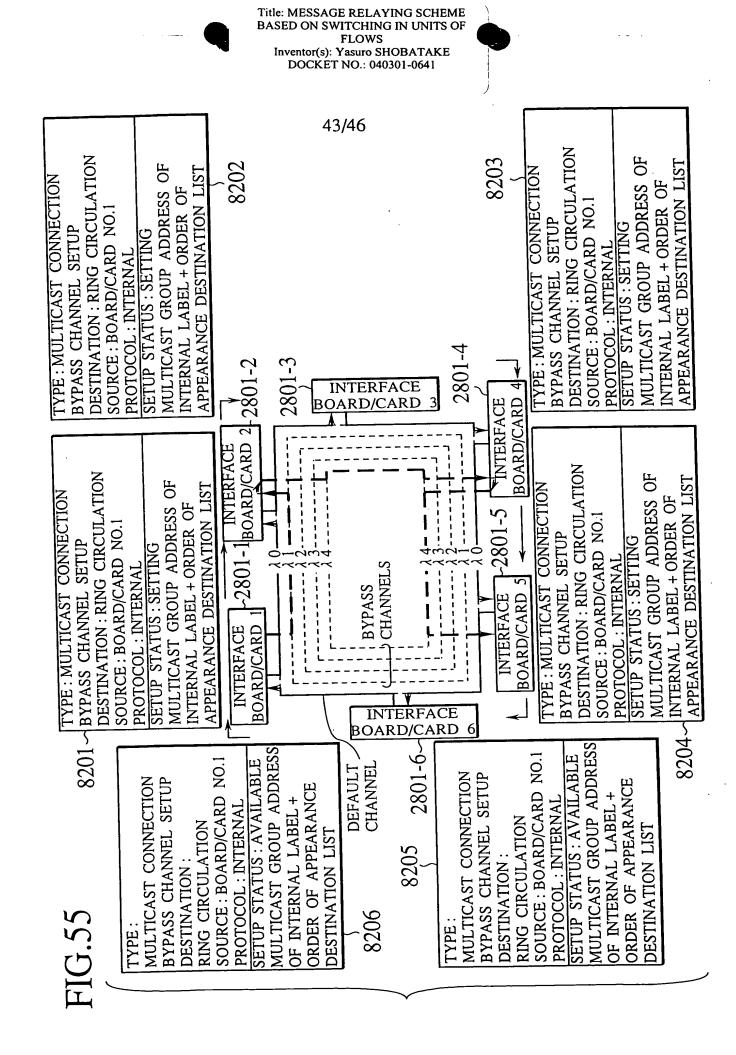
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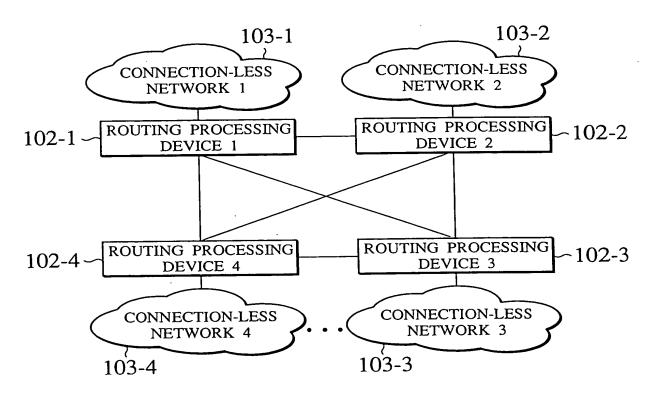
BASED ON SWITCHING IN UNITS OF FLOWS Inventor(s): Yasuro SHOBATAKE DOCKET NO.: 040301-0641 44/46 DESTINATION: RING CIRCULATION 8303 DESTINATION: RING CIRCULATION MULTICAST GROUP ADDRESS OF 8302 MULTICAST GROUP ADDRESS OF LYPE: MULTICAST CONNECTION TYPE: MULTICAST CONNECTION BYPASS CHANNEL RELEASE SOURCE: BOARD/CARD NO.1 BYPASS CHANNEL RELEASE SOURCE: BOARD/CARD NO. PROTOCOL: INTERNAL PROTOCOL: INTERNAL INTERNAL LABEL INTERNAL LABEL 2801-4 BOARD/CARD 2-2801-2 2801-3 INTERFACE BOARD/CARD BOARD/CARD INTERFACE INTERFACE DESTINATION: RING CIRCULATION DESTINATION: RING CIRCULATION MULTICAST GROUP ADDRESS OF MULTICAST GROUP ADDRESS OF TYPE: MULTICAST CONNECTION FYPE: MULTICAST CONNECTION BYPASS CHANNEL RELEASE SOURCE: BOARD/CARD NO.1 BYPASS CHANNEL RELEASE F2801 SOURCE: BOARD/CARD NO.1 7 CHANNELS PROTOCOL: INTERNAL PROTOCOL: INTERNAL BYPASS INTERFACE BOARD/CARD INTERNAL LABEL INTERNAL LABEL INTERFACE BOARD/CARD INTERFACE BOARD/CARD 8301~ 8304~ 2801-6-4 DEFAULT CHANNEL MULTICAST GROUP ADDRESS MULTICAST GROUP ADDRESS BYPASS CHANNEL RELEASE SOURCE: BOARD/CARD NO.1 BYPASS CHANNEL RELEASE SOURCE: BOARD/CARD NO.1 MULTICAST CONNECTION MULTICAST CONNECTION PROTOCOL: INTERNAL PROTOCOL: INTERNAL OF INTERNAL LABEL OF INTERNAL LABEL RING CIRCULATION RING CIRCULATION 8305 DESTINATION: DESTINATION FIG.56 8306

TYPE:



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FIG.57 PRIOR ART







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